



Attorney's Docket No.: 11926-015001

SHU 1656
H

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Vincent P. Stanton, Jr. Art Unit : 1656
Serial No. : 09/658,659 Examiner : Chakrabarti
Filed : September 8, 2000
Title : GENE SEQUENCE VARIANCE IN GENES RELATED TO FOLATE
METABOLISM HAVING UTILITY IN DETERMINING THE TREATMENT OF
DISEASE

Commissioner for Patents
Washington, D.C. 20231

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TRANSMITTAL LETTER

TECH CENTER 1600/2900

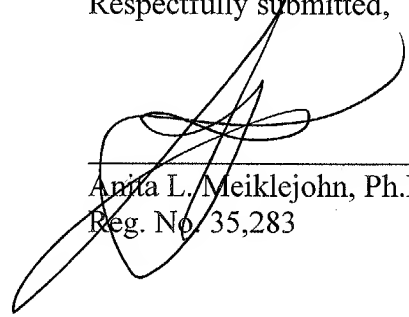
Correspondence relating to this application is enclosed. The required fees are computed below. Please charge any further fees, or credits, to Deposit Account No. 06-1050.

Total Claims	177	-	16	=	161	\$1449
Independent	32	-	3	=	29	\$1160
TOTAL FEE DUE						\$2609

A check for \$2609 is attached.

Respectfully submitted,

Date: 10 APRIL 2001


Anita L. Meiklejohn, Ph.D.
Reg. No. 35,283

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

April 10, 2001
Date of Deposit

Carrie A. Amonte
Signature

Carrie A. Amonte
Typed or Printed Name of Person Signing Certificate



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RESPONSE

In response to the action mailed January 10, 2001, please amend the application as follows:

In the claims:

Please cancel claims 1-16.

Please add new claims ¹⁷⁻¹⁹³ 1-176 as follows.

-- ~~X.17~~ An isolated nucleic acid probe comprising at least 15 contiguous nucleotides of the nucleotide sequence of SEQ ID NO:1, the probe comprising at least one of:

- A/
- (a) nucleotide 194 wherein X is G;
 - (b) nucleotide 294 wherein X is T;
 - (c) nucleotide 1136 wherein X is A;
 - (d) nucleotide 1252 wherein X is T;
 - (e) nucleotide 1334 wherein X is A;
 - (f) nucleotide 1699 wherein X is C;
 - (g) nucleotide 3150 wherein X is G;
 - (h) nucleotide 3207 wherein X is T;
 - (i) nucleotide 3209 wherein X is A;
 - (j) nucleotide 5444 wherein X is C;
 - (k) nucleotide 5551 wherein X is A;

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Carrie A. Amonte
Carrie A. Amonte

Typed or Printed Name of Person Signing Certificate

04/10/2001 ETN:01 00000063 09658659

CL 03.532
AS 03.202

1449.00 DP
1160.00 DP